The FCC's Interconnection Rules make no mention of unbundled common transport, and rather require the offering of only two forms of unbundled local transport – unbundled dedicated and shared transport. (47 C.F.R. § 51.319(d)(1)) Ameritech offers both forms of unbundling to AT&T. When a few parties proposed in September of 1996 that the FCC reconsider its decision and require the unbundling of "common transport," Ameritech opposed that proposal. It makes no sense to argue here issues that already being litigated before the FCC. For that reason, I will not repeat Ameritech's arguments here, but refer AT&T to Ameritech's filing with the FCC and in the MCI state arbitrations that demonstrate that "common transport" does not qualify as a network element.

In any event, the status of "common transport" as a network element will be decided by the FCC and Ameritech will, of course, comply with any effective regulations adopted by the FCC. In the meantime, Ameritech stands ready to provide to you in conjunction with the OAS/DA Platform, unbundled entrance facilities, direct transport or dedicated signaling transport. You may also combine these unbundled dedicated transport facilities with unbundled tandem switching. If you wish to order this combination, you should specify the tandem office(s) where you wish to obtain unbundled tandem switching and the offices between which you wish to purchase unbundled transport. In each case, you should also specify the type of dedicated transport and the capacity you are ordering. At the same time, tandem switched transport service also is available to you under Ameritech's applicable access tariffs.

Sincerely,

Attachments

Ameritech Illinois
Redlined Proposed Interconnection Agreement
With Annotation Marks

Dated 10/15/96

Agreed upon text: normal font

Ameritech proposed text: Redline

AT&T proposed text: Double underline

INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996

Dated as of October __, 1996

by and between

AMERITECH INFORMATION INDUSTRY SERVICES,
a division of Ameritech Services, Inc.
on behalf of and as agent for Ameritech Illinois

and

AT&T COMMUNICATIONS OF ILLINOIS, INC.

SCHEDULE 9.2.4

INTEROFFICE TRANSMISSION FACILITIES

Interoffice Transmission Facilities are Ameritech transmission facilities dedicated to a particular Customer or carrier, or shared by more than one Customer or carrier, used to provide Telecommunications Services between Wire Centers owned by Ameritech or AT&T, or between Switches owned by Ameritech or AT&T.

1. Ameritech provides several varieties of unbundled transport facilities:

1.1. Unbundled dedicated interoffice transport facility ("Dedicated Transport") is a dedicated facility connecting two Ameritech Central Offices buildings via Ameritech transmission equipment. In each Central Office building, AT&T will Cross-Connect this facility to its own transmission equipment (physically or virtually) Collocated in each Wire Center, or to other unbundled Network Elements provided by Ameritech to the extent the requested combination is technically feasible and is consistent with other standards established by the FCC for the combination of unbundled Network Elements. All applicable digital Cross-Connect, multiplexing, and Collocation space charges apply at an additional cost.

1.2. "Unbundled dedicated entrance facility" is a dedicated facility connecting Ameritech's transmission equipment in an Ameritech Central Office with AT&T's transmission (76) equipment in ~~AT&T's~~ Ameritech's Wire Center for the purposes of providing Telecommunications Services.

1.3. Shared transport transmission facilities ("Shared Transport") are a billing arrangement where two (2) or more carriers share the features, functions and capabilities of transmission facilities between the same types of locations as described for dedicated transport in Sections 1.1 and 1.2 preceding and share the costs.

(77) 1.4. Dedicated interoffice facilities between an Ameritech Wire Center and an AT&T Wire Center.

2. Ameritech shall offer Interoffice Transmission Facilities in each of the following ways:

2.1. As a dedicated transmission path (e.g., DS1, DS3, OC3, OC12 and OC48) dedicated to AT&T.

2.2. As a shared transmission path as described in Section 1.3 above.

(78) 2.3. Through the Bona Fide Request process, AT&T may order the equipment and facilities used to provide Dedicated Transport as a system (e.g., a SONET ring) dedicated

to AT&T. Ameritech will design the system (including routing and terminating points) according to AT&T's requirements as specified in the Bona Fide Request.

3. Where Dedicated Transport or Shared Transport is provided, it shall include (as appropriate):

3.1. The transmission path at the requested speed or bit rate.

3.2. The following optional features are available; if requested by AT&T, at additional cost:

3.2.1. Clear Channel Capability per 1.544 Mbps (DS1) bit stream.

3.2.2. Ameritech provided Central Office multiplexing:

(a) DS3 to DS1 multiplexing; and

(b) DS1 to Voice/Base Rate/128, 256, 384 Kpbs Transport multiplexing.

3.3. If requested by AT&T, the following are available at an additional cost:

3.3.1. 1+1 Protection for OC3, OC12 and OC48.

3.3.2. 1+1 Protection with Cable Survivability for OC3, OC12 and OC48.

3.3.3. 1+1 Protection with Route Survivability for OC3, OC12 and OC48.

4. Technical Requirements.

This Section sets forth technical requirements for all Interoffice Transmission Facilities:

4.1. When Ameritech provides Dedicated Transport as a circuit, the entire designated transmission facility (e.g., DS1, DS3, and where available, STS-1) shall be dedicated to AT&T designated traffic.

4.2. Ameritech shall offer Dedicated Transport in all then currently available technologies including DS1 and DS3 transport systems, SONET Bi-directional Line Switched Rings, SONET Unidirectional Path Switched Rings, and SONET point-to-point transport systems (including linear add-drop systems), at all available transmission bit rates, except subrate services, where available.

4.3. For DS1 facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the applicable technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

4.4. For DS3 and, where available, STS-1 facilities and higher rate facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the applicable technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

4.5. When requested by AT&T, Dedicated Transport shall provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.

4.6. When physical diversity is requested by AT&T, Ameritech shall provide the maximum feasible physical separation between intra-office and inter-office transmission paths (unless otherwise agreed by AT&T).

4.7. Any request by AT&T for diversity shall be subject to additional charges.

4.8. Upon AT&T's request and its payment of any additional charges, Ameritech shall provide immediate and continuous remote access to performance monitoring and alarm data affecting, or potentially affecting, AT&T's traffic.

4.9. Ameritech shall offer the following interface transmission rates for Dedicated Transport:

4.9.1. DS1 (Extended SuperFrame - ESF, D4, and unframed applications (if used by Ameritech));

4.9.2. DS3 (C-bit Parity and M13 and unframed applications (if used by Ameritech) shall be provided);

4.9.3. SONET standard interface rates in accordance with the applicable ANSI technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule. In particular, where STS-1 is available, VT1.5 based STS-1s will be the interface at an AT&T service node.

(79) 4.10. Upon AT&T's request, Ameritech shall provide AT&T with electronic provisioning control of an AT&T specified Dedicated Transport through Ameritech Network Reconfiguration Service (ANRS) on the rates, terms and conditions in FCC Tariff No. 2.

4.10 Ameritech shall permit, at applicable rates, AT&T to obtain the functionality provided by DCS together with and separate from dedicated transport in the same manner that Ameritech offers such capabilities to IXCs that purchase transport services. If AT&T requests additional functionality, such request shall be made through the Bona Fide Request process.

Telephone Numbers	Monthly Rate
ISDN Direct	$5.01
DID	$5.01
ISDN Trunk	$5.01
Direct Connect	$220
Service Coordination	$1.15

Non-Recurring Rates

	NRC
Service Ordering	
Establish or Add/Change	$11.09
Record Work Only	$13.92
Conversion Between Type of Trunk	$59.07
Central Common Block	$457.98
Customer Training	$79.84 per hour
Custom Routing (Development & Activation)	$7,507.79

2. Tandem Switching

Switching, per minute	$ .0015
Trunking Termination, per minute	$ .000359
Local Transport Facility Mileage, per minute, per mile	$ .000030

D. Interoffice Transmission Facilities

1. Dedicated Interoffice Transmission Facilities

DS1	Priced from I.C.C. Tariff No. 2 Section 7.5.9
DS3	Priced from I.C.C. Tariff No. 2 Section 7.5.9
DC3	Priced from I.C.C. Tariff No. 2 Section 7.5.10
DC12	Priced from I.C.C. Tariff No. 2 Section 7.5.10
DC48	Priced from I.C.C. Tariff No. 2 Section 7.5.10

2. Shared Interoffice Transmission Facilities

[redacted] Travel and/or out-of-pocket expenses will not be charged to AT&T where Ameritech personnel travel to AT&T designated locations.

DS1 .... Priced from F.C.C. Tariff No. 2 Section 7.5.9[9]
DS3 .... Priced from F.C.C. Tariff No. 2 Section 7.5.9[9]

E. Signaling Networks and Call-Related Databases

1. Signaling Networks

Signaling Link .... FCC No. 2, Section [illegible] (Pending)

Port Termination	$ [illegible]	(monthly)
Signaling Switching ISUP	$ .000227	per message
Signal Transport ISUP	$ .000156	per message
Signal Formulation ISUP	$ .000834	per message
Signal Tandem Switching ISUP	$ .000533	per message
Signal Switching TCAP	$ .000163	per message
Signal Transport TCAP	$ .000104	per message
Signal Formulation TCAP	$ .000688	per message

Non-Recurring Costs .... NRCs

Point Termination	$ 691.94
Originating Point Code per service added or changed	$ 23.97
Global Title Transfer Address per service added or changed	$ 12.69

2. Call-Related Databases

Toll Free Call Routing Query	$ .003128
Toll Free Carrier ID Only Query	$ .001726
Toll Free Routing Options Query	$ .000216
LIDB Validation per Query	$ .01[illegible]
LIDB Transport	$ .000012

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9 A Shared Interoffice Transport Facility is a billing arrangement where two or more carriers share the features, functions, and capabilities of the transmission facility and share the cost. The actual price paid by each carrier sharing the facility is dependent upon the number of carriers sharing the facility and the respective percentage for billing to each of the sharing carriers. The sum of the respective percentages must equal one hundred percent (100%).

Ameritech Illinois
Redlined Proposed Interconnection Agreement
With Annotation Marks

Dated 9/26/96

Agreed upon text: normal font

Ameritech proposed text: Redline

AT&T proposed text: Double underline

INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996

Dated as of September __, 1996

by and between

AMERITECH INFORMATION INDUSTRY SERVICES,
a division of Ameritech Services, Inc.
on behalf of and as agent for Ameritech Illinois

and

AT&T COMMUNICATIONS OF ILLINOIS, INC.

SCHEDULE 9.2.4

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Interoffice Transmission Facilities are Ameritech transmission facilities dedicated to a particular Customer or carrier, or shared by more than one Customer or carrier, that provide Telecommunications Services between Wire Centers owned by Ameritech or AT&T, or between Switches owned by Ameritech or AT&T.

1. Ameritech provides several varieties of unbundled transmission facilities:

1.1. "Unbundled dedicated interoffice transport facility"" is a facility connecting two Ameritech Central Offices buildings via Ameritech transmission equipment. In each Central Office building, AT&T will Cross-Connect this facility to its own transmission equipment (physically or virtually) Collocated in each Wire Center, or to other unbundled Network Elements provided by Ameritech to the extent the requested combination is technically feasible and is consistent with other standards established by the FCC for the combination of unbundled Network Elements. All applicable digital Cross-Connect, multiplexing, and Collocation space charges apply at an additional cost.

1.2. "Unbundled dedicated entrance facility" is a dedicated facility connecting Ameritech's transmission equipment in an Ameritech Central Office with AT&T's transmission equipment in its Wire Center for the purposes of providing Telecommunications Services.

1.3. "Shared transport transmission facilities" are shared transmission facilities between the same type of locations as described for dedicated transport in Section 1.1 and 1.2 preceding.

1.4. "Common transport transmission facilities" are shared transmission facilities between an Ameritech End Office Switch and Ameritech Tandem.

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2. Ameritech shall offer Interoffice Transport in each of the following ways:

2.1. As capacity on a shared circuit facility.

2.2. As a circuit (e.g., DS1, DS3, OC3, OC12 and OC48) dedicated to AT&T.

2.3 As a system (i.e., the equipment and facilities used to provide Dedicated Transport such as SONET ring) dedicated to AT&T.

3.0 When Dedicated Transport is provided as a circuit or as capacity on a shared circuit, it shall include (as appropriate):

3.1 Multiplexing functionality;

3.2 Grooming functionality; and,

3.3 Redundant equipment and facilities necessary to support protection and restoration.

4.0 When Dedicated Transport is provided as a system it shall include:

4.1 Transmission equipment such as multiplexers, line terminating equipment, amplifiers, and regenerators;

4.2 Inter-office transmission facilities such as optical fiber, copper twisted pair, and coaxial cable;

4.3 Redundant equipment and facilities necessary to support protection and restoration; and,

4.4 Dedicated Transport includes the Digital Cross-Connect System (DCS) functionality as an option. DCS is described below in the Technical Requirements

3. Technical Requirements.

This Section sets forth technical requirements for all Interoffice Transmission Facilities:

3.1. When Ameritech provides Dedicated Transport as a facility, the entire designated transmission facility (e.g., DS1, DS3, STS-1) shall be dedicated to AT&T designated traffic, subject to AT&T buying the entire system.

3.2. Ameritech shall offer Dedicated Transport in all then currently available technologies including DS1 and DS3 transport systems, SONET (or SDH) Bi-directional Line Switched Rings, SONET (or SDH) Unidirectional Path Switched Rings, and SONET (or SDH) point-to-point transport systems (including linear add-drop systems), at all available transmission bit rates, except subrate services.

3.3. For DS1 facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the applicable technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

3.4. For DS3 and STS-1 facilities, and higher rate facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO"

connections in the applicable technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

3.5. When requested by AT&T, Dedicated Transport shall provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.

3.6. When physical diversity is requested by AT&T, Ameritech shall provide the maximum feasible physical separation between intra-office and inter-office transmission paths (unless otherwise agreed by AT&T).

~~3.7. Any request by AT&T for diversity shall be subject to additional charges.~~ (75)

3.8 Upon AT&T's request, Ameritech shall provide immediate and continuous remote access to performance monitoring and alarm data affecting, or potentially affecting, AT&T's traffic.

3.8. Ameritech shall offer the following interface transmission rates for Dedicated Transport:

3.8.1. DS1 (Extended SuperFrame - ESF, D4, and unframed applications and D4);

3.8.2. DS3 (C-bit Parity and M13 and unframed applications shall be provided);

3.8.3. SONET standard interface rates in accordance with ANSI T1.105 and ANSI T1.105.07 and physical interfaces per ANSI T1.106.06 (including referenced interfaces). In particular, VT1.5 based STS-1s will be the interface at an AT&T service node. the applicable ANSI technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

3.8.4. SDH Standard interface rates in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.

3.9 For Dedicated Transport provided as a system, Ameritech shall design the system (including but not limited to facility routing and termination points) according to AT&T specifications.

3.10 Upon AT&T's request, Ameritech shall provide AT&T with electronic provisioning control of an AT&T specified Dedicated Transport. Ameritech shall offer Dedicated Transport together with and separately from DCS.

3.3 Ameritech shall permit, to the extent technically feasible and at applicable rates, AT&T to obtain the functionality provided by DCS separate from dedicated transport.

Ameritech Michigan
Redlined Proposed Joint Interconnection Agreement
With Annotation Marks

Dated 10/1/96

Michigan 10/1/96

JOINT AGREEMENT Oct 1, 1996

SCHEDULE 9.2.4

INTEROFFICE TRANSMISSION FACILITIES

Interoffice Transmission Facilities are Ameritech transmission facilities dedicated to a particular Customer or carrier, or shared by more than one Customer or carrier, that provide Telecommunications Services between Wire Centers owned by Ameritech or AT&T, or between Switches owned by Ameritech or AT&T.

1. Ameritech provides several varieties of unbundled transmission facilities:

1.1. "Unbundled dedicated interoffice transport facility"" is a facility connecting two Ameritech Central Offices buildings via Ameritech transmission equipment. In each Central Office building, AT&T will Cross-Connect this facility to its own transmission equipment (physically or virtually) Collocated in each Wire Center, or to other unbundled Network Elements provided by Ameritech to the extent the requested combination is technically feasible and is consistent with other standards established by the FCC for the combination of unbundled Network Elements. All applicable digital Cross-Connect, multiplexing, and Collocation space charges apply at an additional cost.

1.2. "Unbundled dedicated entrance facility" is a dedicated facility connecting Ameritech's transmission equipment in an Ameritech Central Office with AT&T's transmission equipment in Ameritech's Wire Center for the purposes of providing Telecommunications Services.

1.3. "Shared transport transmission facilities" are shared transmission facilities between the same type of locations as described for dedicated transport in Section 1.1 and 1.2 preceding.

1.4. Dedicated interoffice facilites between an Ameritech Wire Center and an AT&T Wire Center.

2. Ameritech shall offer Interoffice Transport in each of the following ways:

2.1. As capacity on a shared circuit facility.

2.2. As a circuit (e.g., DS1, DS3, OC3, OC12 and OC48) dedicated to AT&T.

2.3 As a system (i.e., the equipment and facilities used to provide Dedicated Transport such as SONET ring) dedicated to AT&T.

3.0 When Dedicated Transport is provided as a circuit or as capacity on a shared circuit, it shall include (as appropriate):

10/1/96

3.1 Multiplexing functionality;

3.2 Grooming functionality; and,

3.3 Redundant equipment and facilities necessary to support protection and restoration.

4.0 When Dedicated Transport is provided as a system it shall include:

4.1 Transmission equipment such as multiplexers, line terminating equipment, amplifiers, and regenerators;

4.2 Inter-office transmission facilities such as optical fiber, copper twisted pair, and coaxial cable; and

4.3 Dedicated Transport includes the Digital Cross-Connect System (DCS) functionality as an option. DCS is described below in the Technical Requirements

3. Technical Requirements.

This Section sets forth technical requirements for all Interoffice Transmission Facilities:

3.1. When Ameritech provides Dedicated Transport as a facility, the entire designated transmission facility (e.g., DS1, DS3, STS-1) shall be dedicated to AT&T designated traffic, subject to AT&T buying the entire system.

3.2. Ameritech shall offer Dedicated Transport in all then currently available technologies including DS1 and DS3 transport systems, SONET Bi-directional Line Switched Rings, SONET Unidirectional Path Switched Rings, and SONET point-to-point transport systems (including linear add-drop systems), at all available transmission bit rates, except subrate services.

3.3. For DS1 facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the applicable technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

3.4. For DS3 and STS-1 facilities, and higher rate facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the applicable technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

3.5. When requested by AT&T, Dedicated Transport shall provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.

3.6. When physical diversity is requested by AT&T, Ameritech shall provide the maximum feasible physical separation between intra-office and inter-office transmission paths (unless otherwise agreed by AT&T).

3.7. Any request by AT&T for diversity shall be subject to additional charges.

3.8 Upon AT&T's request, Ameritech shall provide immediate and continuous remote access to performance monitoring and alarm data affecting, or potentially affecting, AT&T's traffic.

3.8. Ameritech shall offer the following interface transmission rates for Dedicated Transport:

3.8.1. DS1 (Extended SuperFrame - ESF, D4, and unframed applications and D4);

3.8.2. DS3 (C-bit Parity and M13 and unframed applications shall be provided);

3.8.3. SONET standard interface rates in accordance with the applicable ANSI technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule In particular, VT1.5 based STS-1s will be the interface at an AT&T service node.

3.9 For Dedicated Transport provided as a system, Ameritech shall design the system (including facility routing and termination points) according to AT&T requirements.

3.10 Upon AT&T's request, Ameritech shall provide AT&T with electronic provisioning control of an AT&T specified Dedicated Transport.

3.9. Ameritech shall permit, to the extent technically feasible and at applicable rates, AT&T to obtain the functionality provided by DCS together with and separate from dedicated transport.

Ameritech Michigan
Redlined Proposed Joint Interconnection Agreement
With Annotation Marks

Dated 9/17/96

Michigan

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9/17/96

SCHEDULE 9.2.4

INTEROFFICE TRANSMISSION FACILITIES

Interoffice Transmission Facilities are Ameritech transmission facilities dedicated to a particular Customer or carrier, or shared by more than one Customer or carrier, that provide Telecommunications Services between Wire Centers owned by Ameritech or AT&T, or between Switches owned by Ameritech or AT&T~~, or between Customer premises and AT&T designated locations~~.

1. Ameritech provides several varieties of unbundled transmission facilities~~:~~

~~"Unbundled~~ 1.1. "Unbundled dedicated ~~inter-office~~ interoffice transport facility~~"~~" is a facility connecting two Ameritech ~~central offices~~ Central Offices buildings via Ameritech transmission equipment. In each ~~central office, a Competitive Local Exchange Carrier (CLEC) will cross-connect~~ Central Office building, AT&T will Cross-Connect this facility to its own transmission equipment (physically or virtually) ~~collocated~~ Collocated in each ~~wire center~~ Wire Center, or to other unbundled ~~network elements~~ Network Elements provided by Ameritech to the extent the requested combination is technically feasible and is consistent with other standards established by the FCC for the ~~combining~~ combination of unbundled ~~network elements. The appropriate~~ Network Elements. All applicable digital ~~cross-connect~~ Cross-Connect, multiplexing, and Collocation space charges apply at an additional cost.

~~"Unbundled~~ 1.2. "Unbundled dedicated entrance facility~~"~~" is a dedicated facility connecting Ameritech's transmission equipment in an Ameritech ~~central office with a requesting carrier's~~ Central Office with AT&T's transmission equipment in its ~~wire center~~ Wire Center for the purposes of providing ~~telecommunications services.~~ Telecommunications Services.

~~"Common~~ 1.3. "Shared transport transmission facilities~~"~~" are shared transmission facilities between ~~an Ameritech end office switch and an Ameritech tandem.~~ the same type of locations as described for dedicated transport in Section 1.1 and 1.2 preceding.

~~Other dedicated interlocation facilities using existing or planned Ameritech transmission facilities as requested by AT&T.~~

~~Ameritech shall offer Dedicated~~ 2. Ameritech shall offer Interoffice Transport in each of the following ways:

2.1. As capacity on a shared ~~circuit.~~ facility.

~~0.1~~ 2.2. As a circuit (e.g., DS1, DS3, ~~STS-1~~ OC3, OC12 and OC48) dedicated to AT&T.

~~0.2 As a system (i.e., the equipment and facilities used to provide Dedicated Transport such as SONET ring) dedicated to AT&T.~~

~~1 When Dedicated Transport is provided as a circuit or as capacity on a shared circuit, it shall include (as appropriate):~~

~~Multiplexing functionality;~~

~~Grooming functionality; and,~~

~~Redundant equipment and facilities necessary to support protection and restoration.~~

~~When Dedicated Transport is provided as a system it shall include:~~

~~Transmission equipment such as multiplexers, line terminating equipment, amplifiers, and regenerators;~~

~~1.1 Inter-office transmission facilities such as optical fiber, copper twisted pair, and coaxial cable;~~

~~1.2 Redundant equipment and facilities necessary to support protection and restoration; and,~~

~~1.3 Dedicated Transport includes the Digital Cross Connect System (DCS) functionality as an option. DCS is described below in Section 5~~ 3.

Technical Requirements.

This Section sets forth technical requirements for all ~~Dedicated Transport~~ Interoffice Transmission Facilities:

3.1.

When Ameritech provides Dedicated Transport as a ~~circuit in a system~~ facility, the entire designated transmission ~~circuit or system~~ facility (e.g., DS1, DS3, STS-1) shall be dedicated to AT&T designated traffic, subject to AT&T buying the entire system.

3.2.

Ameritech shall offer Dedicated Transport in all then currently available technologies including~~, but not limited to,~~ DS1 and DS3 transport systems, SONET ~~(or SDH)~~ Bi-directional Line Switched Rings, SONET ~~(or SDH)~~ Unidirectional Path Switched Rings, and SONET ~~(or SDH)~~ point-to-point transport systems (including linear add-drop systems), at all available transmission bit rates~~.~~, except subrate services.

~~1.4~~ 3.3. For DS1 ~~or VT1.5 circuits~~ facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the ~~technical reference set forth in of Schedule 9.2.5.~~ applicable technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

~~1.5~~ 3.4. For DS3 ~~circuits, STS-1 circuits~~ facilities, and higher rate ~~circuits~~ facilities, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office "CI to CO" connections in the applicable technical ~~reference~~ references set forth under Dedicated and Shared Transport in the Technical Reference Schedule ~~9.2.5~~.

~~1.6~~ 3.5. When requested by AT&T, Dedicated Transport shall provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.

~~1.7~~ 3.6. When physical diversity is requested by AT&T, Ameritech shall provide the maximum feasible physical separation between intra-office and inter-office transmission paths (unless otherwise agreed by AT&T).

~~1.8 Upon AT&T's request, Ameritech shall provide immediate and continuous remote access to performance monitoring and alarm data affecting, or potentially affecting, AT&T's traffic.~~ 3.7. Any request by AT&T for diversity shall be subject to additional charges.

3.8. Ameritech shall offer the following interface transmission rates for Dedicated Transport:

3.8.1. DS1 (Extended SuperFrame - ESF, ~~D4, and unframed applications shall be provided~~);

~~1.8.1~~ and D4);

3.8.2. DS3 (C-bit Parity, ~~M13, and unframed applications~~ and M13 shall be provided);

~~1.8.2~~ 3.8.3. SONET standard interface rates in accordance with ~~ANSI T1.105 and ANSI T1.105.07 and physical interfaces per ANSI T1.106.06 (including referenced interfaces). In particular, VT1.5 based STS-1s will be the interface at an AT&T service node.~~ the applicable ANSI technical references set forth under Dedicated and Shared Transport in the Technical Reference Schedule.

~~1.8.3 SDH Standard interface rates in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.~~

~~For Dedicated Transport provided as a system, Ameritech shall design the system (including but not limited to facility routing and termination points) according to AT&T specifications.~~

~~Upon AT&T's request, Ameritech shall provide AT&T with electronic provisioning control of an AT&T specified Dedicated Transport.~~

~~1.9 Ameritech shall offer Dedicated Transport together with and separately from DCS.~~ 1.9. Ameritech shall permit, to the extent technically feasible and at applicable rates, AT&T to obtain the functionality provided by DCS separate from dedicated transport.

Michigan

9/1

SCHEDULE 9.2.4

INTEROFFICE TRANSMISSION FACILITIES

Interoffice Transmission Facilities are Ameritech transmission facilities dedicated to a particular Customer or carrier, or shared by more than one Customer or carrier, that provide Telecommunications Services between Wire Centers owned by Ameritech or AT&T, or between Switches owned by Ameritech or AT&T.

1. Ameritech provides several varieties of unbundled transmission facilities:

1.1. "Unbundled dedicated interoffice transport facility" is a facility connecting two Ameritech Central Offices buildings via Ameritech transmission equipment. In each Central Office building, AT&T will Cross-Connect this facility to its own transmission equipment (physically or virtually) Collocated in each Wire Center, or to other unbundled Network Elements provided by Ameritech to the extent the requested combination is technically feasible and is consistent with other standards established by the FCC for the combination of unbundled Network Elements. All applicable digital Cross-Connect, multiplexing, and Collocation space charges apply at an additional cost.

1.2. "Unbundled dedicated entrance facility" is a dedicated facility connecting Ameritech's transmission equipment in an Ameritech Central Office with AT&T's transmission equipment in its Wire Center for the purposes of providing Telecommunications Services.

1.3. "Shared transport transmission facilities" are shared transmission facilities between the same type of locations as described for dedicated transport in Section 1.1 and 1.2 preceding.

2. Ameritech shall offer Interoffice Transport in each of the following ways:

2.1. As capacity on a shared facility.

2.2. As a circuit (e.g., DS1, DS3, OC3, OC12 and OC48) dedicated to AT&T.

3. Technical Requirements.

This Section sets forth technical requirements for all Interoffice Transmission Facilities:

3.1. When Ameritech provides Dedicated Transport as a facility, the entire designated transmission facility (e.g., DS1, DS3, STS-1) shall be dedicated to AT&T designated traffic, subject to AT&T buying the entire system.